Table 27. Landed costs of imported crude oil for selected crude streams dollars per barrel

996	Year quarter month	Algerian Saharan Blend	Brazilian Marlim	Canadian Bow River Heavy	canadian Light Sour Blend	Canadian Lloydminste
997	1995	<u>-</u>	-	15.77	-	15.56
999	1996	-	-	19.18	-	18.50
999	1997	-	-	16.46	-	15.72
999	1998	-	_	10.41	-	10.15
1900	1999	-	_		_	16.16
17.93   -		_	_		_	23.75
1902		_	_		_	17.20
1903					_	
1006						
1905						
1888   -						
1907   1908   1908   1909   1908   1909   1908   1909   1908   1909   1909   1908   1909						
1008         -         84.29         -         82.20         75.51         53.21         53.20         20.20         65.95         58.94         55.71         59.12         53.20         20.00         81.78         76.63         68.92         76.55         68.80         20.75         68.80         20.75         82.82         82.101         111.58         101.13         82.02         96.52         82.82         82.101         82.101         111.58         101.71         82.20         95.52         82.82         82.101         83.20         95.79         79.70         70.70						
1909			-			50.9
1900   81.78   76.63   68.92   76.56   68.80   69.11   115.82   107.13   82.02   95.52   82.   82.   82.   82.   83.   83.03						82.50
115.82   107.13   82.02   96.52   82.2012   114.02   114.02   114.02   17.19   87.82   81.1013   113.45   108.43   76.88   90.59   79.2014   113.45   108.43   76.88   90.59   79.2014   113.45   108.43   76.88   90.59   79.2014   113.45   108.43   76.88   90.59   79.2014   113.45   108.43   76.88   90.59   79.2014   113.45   108.43   76.88   90.59   79.2014   113.45   108.43   76.88   90.59   79.2014   113.45   108.43   1	2009					53.4
14.02	2010					68.13
13.45   108.43   76.88   90.59   79.	2011					82.24
Part	2012	114.02	114.32	77.19	87.82	81.33
January	2013	113.45	108.43	76.88	90.59	79.3
January	2014					
February   -		_	\\/	88 DU	χn α <sub>2</sub>	71.6
March         -         -         82.31         94.88         94.71           1st quarter average         -         W         78.71         88.20         79.79           April         -         -         22.85         93.79         86.6           May         -         -         85.93         97.06         85.5           July         -         W         89.46         100.46         90.           2nd quarter average         -         W         85.85         96.66         86.           July         -         W         75.88         97.24         91.           August         -         W         78.67         86.44         89.           September         -         -         78.67         86.44         89.           3rd quarter average         -         W         76.16         68.32         90.           October         -         W         67.16         68.32         90.           December         -         -         W         65.22         66.05         63.           801         -         93.08         76.90         85.10         83.           802         -			vv			
1st quarter average   -		<del>-</del>				
April		<del>-</del>				
May         -         -         85.93         97.06         85.           June         -         W         89.46         100.46         90.           2nd quarter average         -         W         85.85         96.66         86.           July         -         W         87.58         97.24         91.           August         -         W         78.67         88.40         89.           September         -         -         78.67         86.44         89.           3rd quarter average         -         W         74.96         80.27         78.           November         -         W         67.16         68.32         90.           December         -         W         67.16         68.32         66.05         63.           December         -         W         63.22         66.05         63.         20.         85.10         81.           2014         +         93.08         76.90         85.10         81.         81.         81.         81.         81.         81.         81.         81.         81.         81.         81.         81.         81.         81.         81.         8		<del>-</del>	M			
June		<del></del>				86.00
2nd quarter average         .         W         85.85         96.66         86.           July         .         W         87.58         97.24         91.           August         .         W         78.67         88.70         89.           September         .<		<del>-</del>				85.0
July	June	<del>-</del>				90.85
August         -         W         78.67         88.70         89.           September         -         -         78.67         86.44         89.           3rd quarter average         -         W         81.85         89.52         90.           October         -         W         67.16         68.32         -           December         -         -         49.21         52.01         -           4th quarter average         -         W         63.22         66.05         63.           2014         -         93.08         76.90         85.10         81.           2015         -         93.08         76.90         85.10         81.           2014         +         -         93.08         76.90         85.10         81.           2014         +         -         93.08         76.90         85.10         81.           2014         +         -         93.08         76.90         85.10         81.           2014         +         -         93.08         76.90         85.10         81.           2014         +         -         -         -         -         -	2nd quarter average		W	85.85	96.66	86.42
September         -         -         78.67         86.44         89.           3rd quarter average         -         W         81.85         89.52         90.           October         -         W         74.96         80.27         78.           November         -         W         67.16         68.32           December         -         49.21         52.01           4th quarter average         -         W         63.22         66.05         63.           2014         -         93.08         76.90         85.10         88.           2015         -         W         63.22         66.05         63.           3014         -         93.08         76.90         85.10         88.           2015         -         W         35.54         44.11         44.11         45.00         40.           March         -         -         38.83         45.40         40.         <	July		W	87.58	97.24	91.55
3rd quarter average         -         W         81.85         89.52         90.           October         -         W         74.96         80.27         78.           November         -         W         67.16         68.32           December         -         -         49.21         52.01           4th quarter average         -         W         63.22         66.05         63.           2014         -         93.08         76.90         85.10         81.           2015         -         W         63.22         66.05         63.           2016         -         93.08         76.90         85.10         81.           2017         -         W         63.22         66.05         63.         83.           2018         -         W         35.54         44.11         93.         93.88         45.40         40.<	August	<del>-</del>	W	78.67	88.70	89.92
3rd quarter average         -         W         81.85         89.52         90.           October         -         W         74.96         80.27         78.           November         -         W         67.16         68.32           December         -         -         49.21         52.01           4th quarter average         -         W         63.22         66.05         63.           2014         -         93.08         76.90         85.10         81.           2015         -         W         63.22         66.05         63.           2016         -         93.08         76.90         85.10         81.           2017         -         W         63.22         66.05         63.         83.           2018         -         W         35.54         44.11         93.         93.88         45.40         40.<		-	-	78.67	86.44	89.53
October         -         W         74.96         80.27         78.           November         -         W         67.16         68.32         2.01           December         -         -         W         63.22         66.05         63.           2014         -         93.08         76.90         85.10         81.           2015         -         W         63.22         66.05         63.           2014         -         93.08         76.90         85.10         81.           2014         -         93.08         76.90         85.10         81.           2015         -         W         35.54         44.11         -         <		<del>-</del>	W			90.54
November   -						78.73
December   -   -   49.21   52.01   44th quarter average   -						
4th quarter average     -     W     63.22     66.05     63.       2014     -     93.08     76.90     85.10     81.       2015     2014     39.08     76.90     85.10     81.       2015     2015     2015     2015     2015       31 January     -     W     35.54     44.11       February     -     W     39.38     45.40     40.       March     -     W     39.38     45.40     40.       March     -     W     37.94     44.85     43.       April     -     W     37.94     44.85     43.       April     -     W     49.96     57.72     44.       Jule     W     -     54.33     57.62     44.       Jule     W     W     48.87     56.24     47.       July     -     W     46.98     50.29       Adust     -     W     46.98     50.29       August     -     W     46.98     50.29       September     -     W     37.08     45.99       October     W     37.08     45.99       Nowenber     -     W     26.11     37.58       <						V
Page						
January   -						
January   -	2014	-	33.08	76.90	65.10	81.87
February         -         W         39.38         45.40         40.           March         -         -         38.53         45.13         43.           1st quarter average         -         W         37.94         44.85         43.           April         -         -         43.05         51.51         41.           May         -         W         49.96         57.72         44.           June         W         -         54.33         57.62         -           2nd quarter average         W         W         48.87         56.24         47.           July         -         W         46.98         50.29           August         -         W         37.08         45.99           October         -         W         37.08         45.99           October         -         W         26.11         37.58           More member         -         W         47.77	2015					
March     -     -     38.53     45.13     43.       1st quarter average     -     W     37.94     44.85     43.       April     -     -     43.05     51.51     41.       May     -     W     49.96     57.72     44.       June     W     -     54.33     57.62       2nd quarter average     W     W     48.87     56.24     47.       July     -     W     46.98     50.29       August     -     W     46.98     50.29       September     -     W     37.08     45.99       October     -     W     37.08     45.99       October     -     W     36.11     43.83       November     -     W     36.11     43.83       November     -     W     26.11     37.58       4th quarter average     W     47.77     38.90     47.18     38.       2015     W     47.77     38.90     47.18     38.       2016     W     W     21.81     29.17       February     -     -     20.43     28.12       March     W     W     R24.28     R30.06	January	<del>-</del>	W	35.54	44.11	W
1st quarter average         -         W         37.94         44.85         43.           April         -         -         -         43.05         51.51         41.           May         -         W         49.96         57.72         44.           June         W         -         54.33         57.62           2nd quarter average         W         W         48.87         56.24         47.           July         -         W         46.98         50.29         -         47.           July         -         W         46.98         50.29         -         47.         47.         44.99         44.39         -         47.         44.99         44.39         -         44.39         -         44.39         -         44.39         -         44.39         -         44.39         -         -         44.39         - <t< td=""><td>February</td><td></td><td>W</td><td>39.38</td><td>45.40</td><td>40.02</td></t<>	February		W	39.38	45.40	40.02
1st quarter average         -         W         37.94         44.85         43.           April         -         -         -         43.05         51.51         41.           May         -         W         49.96         57.72         44.           June         W         -         54.33         57.62           2nd quarter average         W         W         48.87         56.24         47.           July         -         W         46.98         50.29         -         47.           July         -         W         46.98         50.29         -         47.         47.         44.99         44.39         -         47.         44.99         44.39         -         44.39         -         44.39         -         44.39         -         44.39         -         44.39         -         -         44.39         - <t< td=""><td>March</td><td>-</td><td>-</td><td></td><td>45.13</td><td>43.08</td></t<>	March	-	-		45.13	43.08
April       -       -       43.05       51.51       41.         May       -       W       49.96       57.72       44.         June       W       -       54.33       57.62         2nd quarter average       W       W       48.87       56.24       47.         July       -       W       46.98       50.29         August       -       -       33.33       44.39         September       -       -       30.50       42.33         3rd quarter average       -       W       37.08       45.99         October       -       W       36.11       43.83         November       -       -       31.42       44.27         December       -       W       26.11       37.58         4th quarter average       -       W       31.39       42.37         2015       W       47.77       38.90       47.18       38.         2016       -       W       47.77       38.90       47.18       38.         2016       -       -       W       21.81       29.17         February       -       -       20.43       28.12		<del>-</del>				43.09
May     -     W     49.96     57.72     44.       June     W     -     54.33     57.62       2nd quarter average     W     W     48.87     56.24     47.       July     -     W     46.98     50.29       August     -     -     33.33     44.39       September     -     -     30.50     42.33       3rd quarter average     -     W     37.08     45.99       October     -     W     36.11     43.83       November     -     -     31.42     44.27       December     -     W     26.11     37.58       4th quarter average     -     W     31.39     42.37       2015     W     47.77     38.90     47.18     38.       2016       January     W     W     21.81     29.17       February     -     -     20.43     28.12       March     W     -     R28.79     R34.53       1st quarter average     W     W     R24.28     R30.06		-				41.52
June     W     -     54.33     57.62       2nd quarter average     W     W     48.87     56.24     47.       July     -     W     46.98     50.29       August     -     -     33.33     44.39       September     -     -     30.50     42.33       3rd quarter average     -     W     37.08     45.99       October     -     W     36.11     43.83       November     -     W     36.11     43.83       November     -     W     26.11     37.58       4th quarter average     -     W     31.39     42.37       2015     W     47.77     38.90     47.18     38.       2016       Bunuary     W     W     21.81     29.17       February     -     -     20.43     28.12       March     W     -     R28.79     R34.53       1st quarter average     W     W     R24.28     R30.06						44.60
2nd quarter average     W     W     48.87     56.24     47.       July     -     W     46.98     50.29       August     -     -     33.33     44.39       September     -     -     30.50     42.33       3rd quarter average     -     W     37.08     45.99       October     -     W     36.11     43.83       November     -     W     26.11     37.58       4th quarter average     -     W     31.39     42.37       2015     W     47.77     38.90     47.18     38.       2016       January     W     W     21.81     29.17       February     -     -     20.43     28.12       March     W     -     828.79     834.53       1st quarter average     W     W     R24.28     R30.06						V
July     -     W     46.98     50.29       August     -     -     -     33.33     44.39       September     -     -     30.50     42.33       3rd quarter average     -     W     37.08     45.99       October     -     W     36.11     43.83       November     -     -     31.42     44.27       December     -     W     26.11     37.58       4th quarter average     -     W     31.39     42.37       2015     W     47.77     38.90     47.18     38.       2016       January     W     W     21.81     29.17       February     -     -     20.43     28.12       March     W     -     828.79     834.53       1st quarter average     W     W     R24.28     R30.06						
August     -     -     33.33     44.39       September     -     -     30.50     42.33       3rd quarter average     -     W     37.08     45.99       October     -     W     36.11     43.83       November     -     -     31.42     44.27       December     -     W     26.11     37.58       4th quarter average     -     W     31.39     42.37       2015     W     47.77     38.90     47.18     38.       2016       January     W     W     21.81     29.17       February     -     -     20.43     28.12       March     W     -     R28.79     R34.53       1st quarter average     W     W     R24.28     R30.06		<u>v</u> v				
September         -         -         30.50         42.33           3rd quarter average         -         W         37.08         45.99           October         -         W         36.11         43.83           November         -         -         31.42         44.27           December         -         W         26.11         37.58           4th quarter average         -         W         31.39         42.37           2015         W         47.77         38.90         47.18         38.           2016           January         W         W         21.81         29.17           February         -         -         20.43         28.12           March         W         -         R28.79         R34.53           1st quarter average         W         W         R24.28         R30.06		<del>-</del>	<u>v</u> v			<u>V</u>
3rd quarter average         -         W         37.08         45.99           October         -         W         36.11         43.83           November         -         -         31.42         44.27           December         -         W         26.11         37.58           4th quarter average         -         W         31.39         42.37           2015         W         47.77         38.90         47.18         38.           2016         B         W         W         21.81         29.17           February         -         -         20.43         28.12           March         W         -         R38.79         R34.53           1st quarter average         W         W         R24.28         R30.06		<del>-</del> <del>-</del>				<u>V</u>
October         -         W         36.11         43.83           November         -         -         31.42         44.27           December         -         W         26.11         37.58           4th quarter average         -         W         31.39         42.37           2015         W         47.77         38.90         47.18         38.           2016           January         W         W         21.81         29.17           February         -         -         20.43         28.12           March         W         -         R28.79         R34.53           1st quarter average         W         W         R24.28         R30.06						<u>V</u>
November         -         -         31.42         44.27           December         -         W         26.11         37.58           4th quarter average         -         W         31.39         42.37           2015         W         47.77         38.90         47.18         38.           2016         -         -         -         29.17           February         -         -         -         20.43         28.12           March         W         -         828.79         834.53           1st quarter average         W         W         R24.28         R30.06		<del></del>				<u>V</u>
December         -         W         26.11         37.58           4th quarter average         -         W         31.39         42.37           2015         W         47.77         38.90         47.18         38.           2016           January         W         W         21.81         29.17           February         -         -         20.43         28.12           March         W         -         R28.79         R34.53           1st quarter average         W         W         R24.28         R30.06		<del>-</del> <del>-</del>	W			<u>V</u>
4th quarter average         -         W         31.39         42.37           2015         W         47.77         38.90         47.18         38.           2016         Stream of the properties		<del></del>				<u>V</u>
2015     W     47.77     38.90     47.18     38.       2016     2017       January     W     W     21.81     29.17       February     -     -     20.43     28.12       March     W     -     R28.79     R34.53       1st quarter average     W     W     R24.28     R30.06						
Verification         V         W         21.81         29.17           February         -         -         20.43         28.12           March         W         -         R28.79         R34.53           1st quarter average         W         W         R24.28         R30.06	4th quarter average	-				V
Verification         V         W         21.81         29.17           February         -         -         20.43         28.12           March         W         -         R28.79         R34.53           1st quarter average         W         W         R24.28         R30.06	2015	W	47.77	38.90	47.18	38.5
January         W         W         21.81         29.17           February         -         -         20.43         28.12           March         W         -         R28.79         R34.53           1st quarter average         W         W         R24.28         R30.06	2016					
February     -     -     20.43     28.12       March     W     -     R28.79     R34.53       1st quarter average     W     W     R24.28     R30.06		***	14.7	24.04	20.47	
March         W         -         R28.79         R34.53           1st quarter average         W         W         R24.28         R30.06						<u>W</u>
<b>1st quarter average</b> W W R24.28 R30.06		<del></del>				
						<u>M</u>
April 32.28 38.30			W			<u>W</u>
	April	<u>-</u>	-	32.28	38.30	W

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.) dollars per barrel

Year quarter month	Ecuadorian Oriente	Ecuadorian Napo	Iraqi Basrah Light	Mexican Mayan	Nigerian Bonny Light
1995	16.84	-	-	14.88	18.35
1996	19.91	-	-	17.95	21.69
1997	18.06	-	-	15.57	21.21
1998	11.55	-	-	9.21	13.62
1999	17.68	-	-	14.43	15.39
2000	27.70	-	-	23.94	30.67
2001	21.20	-	_	17.54	28.16
2002	24.11	-	_	21.31	26.64
2003	28.23	_	_	24.84	31.49
2004	36.34	-	_	31.01	41.16
2005	46.42	_	_	41.54	57.12
2006	56.75	-	_	52.04	69.29
2007	64.57	-	_	60.93	77.90
2008	87.25	_	-	84.29	108.46
2009	56.97	48.74	64.38	56.03	68.30
2010	75.48	72.97	77.96	70.87	84.10
2011	101.74	97.91	106.67	98.81	116.95
2012	105.50	101.53	106.93	100.29	117.70
2012				97.43	117./C
	104.14	100.01	102.70	97.43	VV
2014					
January	98.85	94.03	96.74	88.29	
February	101.73	99.31	98.18	91.06	
March	W	100.36	100.65	90.78	
1st quarter average	100.97	97.19	98.43	90.04	
April	104.56	W	100.42	93.76	
May	104.00	W	100.45	95.68	
June	105.36	101.91	101.06	98.83	
2nd quarter average	104.46	100.75	100.67	96.19	
July	100.36	101.61	101.97	95.10	
August	97.73	92.87	100.68	91.78	
September	92.39	88.43	94.12	88.80	
3rd quarter average	96.30	94.26	98.91	91.86	
October	85.17	83.44	90.49	79.19	
November	71.01	W	W	72.26	
December	58.52	W	73.33	52.88	W
4th quarter average	70.37	72.13	83.49	68.15	vv
2014	91.65	93.11	96.95	86.49	W
2014	91.03	95.11	90.93	80.49	VV
2015					
January	46.44	W	66.83	40.70	
February	51.98	W	W	47.69	
March	50.68	45.89	W	46.42	
1st quarter average	49.51	44.66	60.44	44.80	-
April	54.79	W	49.93	51.18	
May	60.87	-	55.30	56.00	W
June	60.38	56.96	56.75	56.70	W
2nd quarter average	58.79	55.92	53.24	54.47	66.10
July	54.90	W	54.12	51.25	
August	45.21	W	W	42.29	
September	45.10	41.06	46.17	39.99	
3rd quarter average	48.62	42.48	50.53	44.39	
October	45.33	40.83	41.74	39.72	
November	40.56	W	38.67	36.05	
December	34.83	26.47	35.18	29.28	W
4th quarter average	40.43	35.41	39.39	35.21	<u>v</u> v
2015	49.65	41.84	49.50	44.08	59.92
2013	49.05	41.84	49.50	44.08	59.92
2016					
_January					14
	28.35	26.72	30.55	25.03	VV
February	28.35 28.24	26.72 28.25	30.55 R27.65	25.03 R25.46	vv
February March					vv
<del>,</del>	28.24	28.25	R27.65	R25.46	

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.)

dollars per barrel

Year quarter month	Nigerian Qua Iboe	Saudi Arabian Light	Saudi Arabian Medium	Saudi Arabian Berri	Venezuelan Merey
1995	-	17.17	16.54	-	-
1996	-	20.86	20.12	-	-
1997	-	18.11	17.10	_	-
1998	-	12.36	10.86	_	-
1999	-	18.03	17.37	-	_
2000	-	27.54	25.98	_	_
2001	_	21.64	19.99	_	_
2002	_	25.01	24.70	_	_
2003	_	28.25	27.25	_	
2004		38.01	36.34		
	-				-
2005		52.92	48.92		-
2006		60.51	58.10	-	<del>-</del>
2007	-	71.62	70.09		-
2008	-	94.38	91.46		
2009	68.26	63.10	61.87	59.72	60.15
2010	84.44	79.65	78.13	81.14	71.59
2011	117.02	109.43	107.12	110.77	100.36
2012	116.48	108.93	106.83	110.03	103.28
2013	112.47	103.44	101.44	107.00	100.69
2014					
January	-	101.94	99.77	103.52	W
February	<u>-</u>	104.36	100.30	W	W
March	W	103.81	100.87	W	W
1st quarter average	W	103.28	100.35	103.86	W
April	<del>-</del>	102.53	102.15	104.43	W
May		102.92	102.88	105.28	99.60
June	<del>-</del>	106.38	102.08	109.66	95.00 W
2nd quarter average	<del>-</del>	103.57	102.36	106.05	100.10
July	<del></del>	105.51	101.74	109.18	
August	<del></del>	100.24	98.17	104.01	W
September	<del></del>	94.71	91.16	98.66	W
3rd quarter average	<del>. </del>	99.35	98.28	102.65	W
October	<del>. </del>	83.36_	76.92	89.12	W
November	<u>-</u>	77.88	70.05	79.15	W
December	-	59.88	61.39	W	W
4th quarter average	-	72.95	70.79	80.78	W
2014	W	96.83	94.47	96.68	91.73
2015		FO 22	50.36	40.07	W
_January	<del></del>	50.32		48.87	
February	<del>-</del>	52.19	51.84	54.93	50.43
March	<del></del>	54.29	55.42	W	47.50
1st quarter average	<del>-</del>	52.51_	52.97	53.62	46.64
April	<del>-</del>	60.47	58.31	W	52.11
May	<del>-</del>	64.06	60.34	W	W
June	-	59.88	56.99	W	W
2nd quarter average	-	61.34	58.52	W	57.02
July	<u>-</u>	52.08	51.47	53.96	W
August	-	45.49	44.58	47.02	W
September		45.63	43.42	49.25	
3rd quarter average		47.47	46.99	49.89	
October	<del>-</del>	42.07	41.44	49.89	
	<del></del>				
November	<u></u>	40.40	37.13	45.59	<u>W</u>
December		35.37	32.36	W	<u>W</u>
4th quarter average	W	39.55	36.92	45.64	W
2015	W	50.00	48.66	52.83	45.77
2016					
January	W	30.95	31.18	W	W
February	W	R31.66	R31.36	R33.68	W
March		R35.42	R33.28	36.14	R30.21
1st quarter average	<del>-</del> W	R32.51	R32.01	R34.38	R26.18
April	W	W	35.56	41.04	W
, 19111	47	VV	JJ.JU	71.04	VV

<sup>- =</sup> No data reported.

Notes: - Effective January 2009, selected crude streams were discontinued and new crude steams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

 $Sources: U.S.\ Energy\ Information\ Administration,\ Form\ EIA-856,\ "Monthly\ Foreign\ Crude\ Oil\ Acquisition\ Report."$ 

W = Withheld to avoid disclosure of individual company data.

R = Revised data.